INDEX

Arndt, R. E. A., Long, D. F. & Glauser, M. N. The proper orthogonal decomposition of pressure fluctuations surrounding a turbulent jet, 1–33

Batchelor, G. K. *See* Nitsche & Batchelor

Ben-Dor, G. *See* Li & Ben-Dor

Billingham, J. Modelling the response of a vibrating-element density meter in a two-phase mixture, 343–360

Breuer, K. S., Cohen, J. & Haritonidis, J. H. The late stages of transition induced by a low-amplitude wavepacket in a laminar boundary layer, 395–411

Chen, J. & Stebe, K. J. Surfactant-induced retardation of the thermocapillary migration of a droplet, 35–59

Cohen, J. *See* Breuer, Cohen & Haritonidis

Glauser, M. N. *See* Arndt, Long & Glauser

Goldstein, M. E. *See* Wu, Leib & Goldstein

Gottlieb, O. *See* Yarin, Gottlieb & Roisman

Gwinn, A. W. & Jacobs, S. J. Mass transport in viscous flow under a progressive water wave, 61–82

Haritonidis, J. H. *See* Breuer, Cohen & Haritonidis

Jacobs, S. J. *See* Gwinn & Jacobs

Kumaran, V. Velocity distribution function for a dilute granular material in shear flow, 319–341

Lee, S., Lele, S. K. & Moin, P. Interaction of isotropic turbulence with shock waves: effect of shock strength, 225–247

Leeming, A. *See* Young & Leeming

Leib, S. J. *See* Wu, Leib & Goldstein

Lele, S. K. *See* Lee, Lele & Moin

Li, H. & Ben-Dor, G. Analytical investigation of two-dimensional unsteady shock-on-shock interactions, 101–128

Long, D. F. *See* Arndt, Long & Glauser

Moin, P. *See* Lee, Lele & Moin

Nitsche, J. M. & Batchelor, G. K. Break-up of a falling drop containing dispersed particles, 161–175

Renardy, Y. Y. Snakes and corkscrews in core–annular down-flow of two fluids, 297–317

Roisman, I. V. *See* Yarin, Gottlieb & Roisman

Rusak, Z. *See* Wang & Rusak

Short, M. & Stewart, D. S. Low-frequency two-dimensional linear instability of plane detonation, 249–295

Stebe, K. J. *See* Chen & Stebe

Stewart, D. S. *See* Short & Stewart

Wang, S. & Rusak, Z. The dynamics of a swirling flow in a pipe and transition to axisymmetric vortex breakdown, 177–223

Wu, X., Leib, S. J. & Goldstein, M. E. On the nonlinear evolution of a pair of oblique Tollmien–Schlichting waves in boundary layers, 361–394

Yarin, A. L., Gottlieb, O. & Roisman, I. V. Chaotic rotation of triaxial ellipsoids in simple shear flow, 83–100

Young, J. & Leeming, A. A theory of particle deposition in turbulent pipe flow, 129–159